

AF/1645  
LZW

Practitioner's Docket No. MSU 4.1-528

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Linda S. Mansfield, Mary G. Rossano,  
In re application of: Alice J. Murphy and Ruth A. Vrable

Application No.: 09 / 669,833 Group No.: 1645

Filed: September 26, 2000 Examiner: Padmavathi Baskar

For: VACCINE TO CONTROL EQUINE PROTOZOAL MYELOENCEPHALITIS IN HORSES

**RESPONSE UNDER  
37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP**

Corres. and Mail  
**BOX AF**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NOTE:** To take advantage of the expedited procedure the envelope in which this paper is mailed must be addressed as shown and must also be marked "Box AF" in the lower left hand corner. Alternatively, this paper can be hand carried to the particular Examining Group or other area of the Office in which the application is pending, in which case any envelope in which this paper is placed must be marked as in the bold type box above. Notice of Sept. 20, 1985 (1059 O.G. 19-20). See M.P.E.P. § 714.13, 7th ed.

**AMENDMENT OR RESPONSE AFTER FINAL REJECTION—TRANSMITTAL**

1. Transmitted herewith is an amendment after final rejection (37 C.F.R. § 1.116) for this application.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

☒ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

☒ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Ian C. McLeod  
Signature

Date: 02/24/05

Ian C. McLeod

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Amendment or Response After Final Rejection—Transmittal [9-20]—page 1 of 4)

**NOTE:** *Response to Final Rejection—Avoiding Extension Fees* "In patent applications wherein a three month Shortened Statutory Period (SSP) is set for response to a Final Rejection, the response would best be filed within two months of the date of the Office Action. If filed within two months, any Advisory Action mailed after the SSP expires will reset the SSP to expire on the date of the Advisory Action for extension fee purposes, but never more than six months from the date of the Final Rejection." Notice of Nov. 30, 1990 (1122 O.G. 571 to 591). See M.P.E.P. § 714.13, 6th ed., rev. 3.

## STATUS

**2. Applicant is**

- ☒ a small entity. A statement:
- ☐ is attached.
- ☒ was already filed.
- ☐ other than a small entity.

## EXTENSION OF TERM

**NOTE:** *As to a Supplemental Amendment filed in response to a final office action, the Notice of December 10, 1985 (1061 O.G. 34-35) states:*

*"If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run."*

**3. (complete (a) or (b), as applicable)**

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. § 1.17(a)(1)-(4)) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 430.00	\$ 215.00
<input type="checkbox"/> three months	\$ 980.00	\$ 490.00
<input type="checkbox"/> four months	\$ 1,530.00	\$ 765.00

Fee: \$ \_\_\_\_\_

If additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

OR

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDIT. FEE	OR	ADDIT. FEE
TOTAL	* 1	MINUS	** 20	=	-0-	×\$9=	\$ 0.00		×\$18= \$
INDEP.	* 1	MINUS	*** 3	=	-0-	=\$44=	\$ 0.00		=\$88= \$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					-0-	+\$150=	\$ 0.00		+\$300= \$
						TOTAL \$		OR	TOTAL \$
						ADDIT. FEE	\$ 0.00		

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** See 37 C.F.R. § 1.116.

(complete (c) or (d), as applicable)

(c) ☒ No additional fee is required.

OR

(d) ☐ Total additional fee required is \$ \_\_\_\_\_.

## FEE PAYMENT

5. ☐ Attached is a ☐ check ☐ money order in the amount of \$ \_\_\_\_\_

☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_

☐ to Deposit Account No. \_\_\_\_\_

☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

☐ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

## FEE DEFICIENCY

**NOTE:** Where there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the case. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account No. 13-0610

### AND/OR

- ☒ If any additional fee for claims is required, charge Account No. 13-0610

Reg. No.: 20,931

Tel. No.: ( 517 ) 347-4100

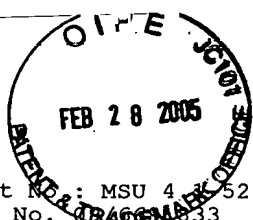
Customer No.: 21036

  
SIGNATURE OF PRACTITIONER

Ian C. McLeod  
(type or print name of practitioner)

2190 Commons Parkway  
P.O. Address

Okemos, Michigan 48864



Docket No.: MSU 4-1-528  
Appl. No. 09/669,833  
Amended dated: February 23, 2005  
Reply to Office Action of 02/07/2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/669,833 Confirmation No. 2531  
Applicants: Linda S. Mansfield, Mary G. Rossano,  
Alice J. Murphy, and Ruth A. Vrable  
Filing Date: September 26, 2000  
Title: VACCINE TO CONTROL EQUINE PROTOZOAL  
MYELOENCEPHALITIS IN HORSES  
Examiner: Padmavathi Baskar, Ph.D.  
TC/A.U. : 1645  
Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. § 1.116(b)**

Dear Sir:

In response to the Office Action mailed February 7, 2005, Applicants amend and remark as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.